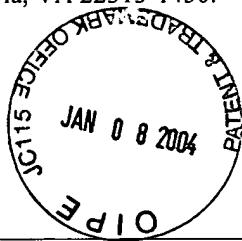


01-12-04

EXPRESS MAIL CERTIFICATE: EL988554995US

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MARITZA O'NEILL

CERTIFICATE OF MAILING PURSUANT TO 37 C.F.R. 1.10

In re Application of: *Kim et al.*

Serial No.: 10/670,413

Filed: September 24, 2003

For: *APPARATUS AND METHOD OF USING THIN FILM MATERIAL AS DIFFUSION BARRIER FOR METALLIZATION*

Attorney Docket No.: 130588.91477

Group Art Unit: 2811

Examiner: Unassigned

Commissioner for Patents
U.S. Patent & Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Type of Filing:

- 1) Supplemental Information Disclosure Statement, together with Form PTO-1449
- 2) Cited References (2)
- 3) Return postcard

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kim *et al.*

Serial No.: 10/670,413

Filed: September 24, 2003



Art Unit: 2811

Examiner: Unassigned

For: *APPARATUS AND METHOD OF USING
THIN FILM MATERIAL AS DIFFUSION
BARRIER FOR METALLIZATION*

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97**

Commissioner for Patents
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P.O. Box 1450
Alexandria, VA 22313

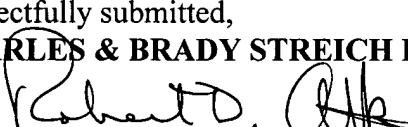
Dear Sir:

Applicant hereby brings to the attention of the Examiner the documents noted on the accompanying Form PTO-1449. This Supplemental Information Disclosure Statement is being filed prior to the mailing date of a first Office Action.

It is respectfully requested that the information cited herein be expressly considered during the prosecution of this application and made of record on any patent to issue therefrom.

No fee is believed due with this mailing. The Commissioner is hereby authorized to charge any cost that may be due to Deposit Account No. 17-0055.

Respectfully submitted,
QUARLES & BRADY STREICH LANG, LLP

By: 

Robert D. Atkins, Reg. No. 34,288

Attorney Docket No. 130588.91477

Address all correspondence to:

Robert D. Atkins

Quarles & Brady Streich Lang LLP

One Renaissance Square

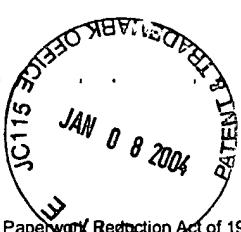
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Phoenix, AZ 85004

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

| | |
|------------------------|--------------------|
| Application Number | 10/670,413 |
| Filing Date | September 24, 2003 |
| First Named Inventor | Kim et al. |
| Art Unit | 2811 |
| Examiner Name | |
| Attorney Docket Number | 130588.91477 |

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

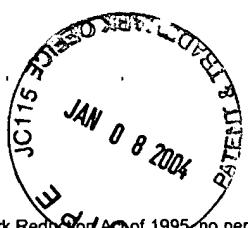
| FOREIGN PATENT DOCUMENT | | | | | |
|-------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear |
| | | Country Code ³ ~Number ⁴ ~Kind Code ⁵ (if known) | | | |
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Examiner Signature _____ Date Considered _____

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| | |
|------------------------|--------------------|
| Application Number | 10/670,413 |
| Filing Date | September 24, 2003 |
| First Named Inventor | Kim et al. |
| Art Unit | 2811 |
| Examiner Name | |
| Attorney Docket Number | 130588.91477 |

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

| | | | |
|-----------------------|--|--------------------|--|
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